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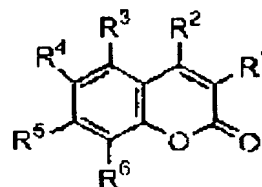
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(54) OPTICAL RECORDING MEDIUM

(57)Abstract:

PROBLEM TO BE SOLVED: To enable high density recording to be carried out inexpensively corresponding to a blue laser with a coumarin compound expressed by a specific formula employed in a recording layer.

SOLUTION: The optical recording medium is provided with a recording layer capable of writing or reading information by a laser on the base plate, and a coumarin compound expressed by formula is contained in the recording layer. In the formula, R¹-R⁶ show a hydrogen atom or arbitrary substitutional groups respectively independently. In addition, it is possible that adjacent substitutional groups combine with each other and form a cycle allowed to condense into the coumarin ring in R¹-R⁶. For R¹-R⁶, there are given an alkyl group, an alkoxy group, an alkyl carbonyl group, or the like, and for a ring allowed to condense into the coumarin ring, there are given a cycloalkyl ring or the like. The coumarin compound has absorption in the blue light region of a wavelength of 350-530, so that it is suitable to record with a blue laser.



LEGAL STATUS

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